

Asst. Prof. MOSTAFA RANJBAR

Personal Information

Web: <https://avesis.aybu.edu.tr/1023>

Education Information

Doctorate, Technische Universitaet Dresden, Mechanical Engineering, Germany 2003 - 2011

Postgraduate, Tarbiat Modarres Üniversitesi, Mechanical Engineering, Iran 1998 - 2000

Undergraduate, Shiraz Üniversitesi, Mechanical Engineering, Iran 1994 - 1998

Dissertations

Doctorate, A Comparative Study on Optimization in Structural Acoustics, Technische Universitaet Dresden, Mechanical Engineering, 2011

Postgraduate, A Software Design for Vibration Signature Analysis in Time Domain for Fault Diagnosis in Gearboxes, Tarbiat Modarres Üniversitesi, Mechanical Engineering, 2000

Academic Titles / Tasks

Assistant Professor, Yıldırım Beyazıt Üniversitesi, Mühendislik Ve Doğa Bilimleri Fakültesi, Makine Mühendisliği Bölümü, 2016 - Continues

Assistant Professor, Islami Azad Üniversitesi, Mühendislik, Makine Mühendisliği, 2011 - 2013

Lecturer, Islami Azad Üniversitesi, Mühendislik, Makine Mühendisliği, 2007 - 2011

Research Assistant, Technische Universitaet Dresden, Makine Mühendisliği, Katı Mekanik Ve Tasarım, 2003 - 2007

Research Assistant, Tarbiat Modarres Üniversitesi, Makine Mühendisliği, Katı Mekanik Ve Tasarım, 1998 - 2000

Academic and Administrative Experience

Doğu Akdeniz Üniversitesi, Mühendislik Fakültesi, Makine Mühendisliği, 2013 - 2016

Courses

Selected Topics in engineering Acoustics, Doctorate, 2016 - 2017

Rigid Body Dynamics, Undergraduate, 2016 - 2017

Dynamics of Machinery, Undergraduate, 2016 - 2017

Experimental Mechanics, Undergraduate, 2016 - 2017

Multidisciplinary Engineering Design Optimization, Doctorate, 2016 - 2017

Non-distractive Testing, Undergraduate, 2016 - 2017

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. Novel cross shape phononic crystals with broadband vibration wave attenuation characteristic:

Design, modeling and testing

Panahi E., Hosseinkhani A., Khansanami M. F. , Younesian D., Ranjbar M.
Thin-Walled Structures, vol.163, 2021 (Journal Indexed in SCI Expanded)

II. Hybrid Design Optimization of Sandwich Panels with Gradient Shape Anti-Tetrachiral Auxetic Core for Vibroacoustic Applications

Mazloomi M. S. , RANJBAR M.

Transport in Porous Media, 2021 (Journal Indexed in SCI Expanded)

Refereed Congress / Symposium Publications in Proceedings

I. Vibro-acoustic analysis of auxetic hexagonal and anti-tetrachiral stepped cantilever beams

Farhangdoust S., Adediran I. A. , RANJBAR M., Krushynska A. O.

Health Monitoring of Structural and Biological Systems XV 2021, Virtual, Online, United States Of America, 22 - 26 March 2021, vol.11593

Supported Projects

RANJBAR M., Project Supported by Higher Education Institutions, 8th International Conference on Acoustics and Vibration, 2018 - 2019

RANJBAR M., Project Supported by Higher Education Institutions, Mostafa Ranjbar, 2017 - 2017